

पेटेंट कार्यालय

एकास तथा अभिकल्प

कलकत्ता, दिनांक 11 जूलाई 1992

पेटेंट कार्यालय के कार्यालयों के बते एवं सेवानीधिकार

पेटेंट कार्यालय का प्रभान कार्यालय कलकत्ते में गवर्नमेंट है तथा वर्द्धक, विस्तीर्ण एवं मद्रास में इसके शास्त्र कार्यालय हैं, जिनके प्राविदेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप से प्रवर्णित हैं :—

पेटेंट कार्यालय शास्त्र, टोडी इस्टेंट,
तीसरा मल, लोडर परले (परिषद),
वर्द्धक-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोवा, द्रव्यन तथा
दिल्ली एवं काशी और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शास्त्र,
एकक रोड 401 से 405, तीसरा तला,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नहर विल्ली-110005 ।

हारियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा विस्तीर्ण ।

तार पता—“बेटेंटोफिस”

GOVERNMENT OF INDIA

THE PATENT OFFICE

Calcutta, the 11th July 1992

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD,
CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under section 135, of the Patents Act, 1970.

The 29th May 1992

373/Cal/92. Ici India Limited, “Improvements in emulsifiers for water-in-oil emulsion explosive and explosives incorporating such novel emulsifiers.”

374/Cal/92. Mcneil-PPC, Inc., “Improved coated medicaments and apparatus and methods for making same.” (Divisional of application No. 88/Cal/91 Ante-dated to 9th January, 1991).

375/Cal/92. Opti Patent-, Forschungs-Und Fabrikations-AG., “A slide fastener having woven support tapes and closure member rows woven therein.”

376/Cal/92. Mcneil-PPC, Inc., “Improved coated medicaments and apparatus and methods for making same.” (Divisional of application No. 88/Cal/91 Ante-dated to 9th January, 1991).

पेटेंट कार्यालय शास्त्र,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं रांची शासित क्षेत्र पारिषद्वारा, सक्षम्भव
मिनिकाय तथा अमिनिकिय इव्वीप

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)
निष्ठार पैलेस, दिवतीय बहुतलीय कार्यालय,
भवन, 5, 6 तथा 7वां तला,
234/4, आचार्य नगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 वा पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएँ, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए जाएँगे ।

चूरक :—चूरकों की अवायनी या तो नकद की जाएगी अथवा उपर्युक्त कार्यालय में नियंत्रक को भुगतान देण्य अवायने अवधारणा का आवेदन या जहां उपर्युक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक खाते अवधारणा चैक ब्राफर की जा सकती है ।

377/Cal/92. Ming-Wei (ERIC) Lai, Infusion Alarm system

378/Cal/92. Johnson Matthey Inc. Low pressure drop, high surface area ammonia oxidation catalyst and catalyst for production of hydrcyanic acid.

379/Cal/92. Johnson Matthey Inc. Low pressure drop, high surface area platinum recovery system in a Nitric Acid Plant.

The 1st June 1992

380/Cal/92. Dr. Amalesh Sarkar. An improved Process for the Enrichment of spent Molybdenum catalyst in petroleum refining.

381/Cal/92. Dr. Amalesh Sarkar. An Improved process for the manufacture of sorbital by the hydrogenation of Glucose.

382/Cal/92. Ratan Kumar Mukherjee. An improved tyre for Ropeway Pulley system and An Improved pulley system comprising same.

383/Cal/92. Degee Agro & Fruits Pvt. Ltd. On Improved process for the preparation of vegetable, powders and products therefrom and an apparatus therefor.

384/Cal/92 Degee Agro & Fruits Pvt. Ltd. An Improved process for the preparation of vegetable, powders and products therefrom and an apparatus therefor.

385/Cal/92 Deutsche Voest-Alpine Industrieanlagenbau GmbH. Lining for a direct current electric arc furnace.

386/Cal/92 Hoechst Aktiengesellschaft. Carrier catalyst, process for its preparation, and its use for the preparation of vinyl acetate.

387/Cal/92 Hoechst Aktiengesellschaft. "Catalyst and process for the preparation of vinyl acetate."

388/Cal/92 Johnson & Johnson Inc. "Unitized Absorbent Structure."

The 2nd June, 1992

389/Cal/92 Himont Incorporated. "Process for the Gas-Phase Polymerization of Olefins."

390/Cal/92 Surgikos, Inc. "Fluid injection system pump and pumping methods." (Divisional of Application No. 355/Cal/88 Ante-dated to 2nd May, 1988).

391/Cal/92 Surgikos Inc. "Fluid injection system pump and pumping methods." (Divisional of Application No. 355/Cal/88 Ante-dated to 2nd May, 1988).

392/Cal/92 Australian Defence Industries Ltd. "Ammunition". (Conventional of application No. PK 6631/91 dated 13th June, 1991 Australia).

393/Cal/92 Andrew R. Alcon. "Levitation Device." (Conventional of application No. PCT/US91/07992 dated 28th October, 1991 U.K.).

384/Cal/92 Samsung Electron Devices Co. Ltd. "Method for Manufacturing a screen for a cathode ray tube".

The 3rd June, 1992

395/Cal/92 Diablo Research Corporation. "Electrodeless Discharge Lamps with spectral reflector and high pass filter."

396/Cal/92 Diablo Research Corporation. "Stable power supply providing a high power factor and low harmonic distortion."

397/Cal/92 Diablo Research Corporation. "Zero-Voltage complementary switching high efficiency class D amplifier."

398/Cal/92 Diablo Research Corporation. "Impedance matching and filter network for use with electrodeless discharge lamp."

399/Cal/92 Stoping Aktiengesellschaft. "Refractory valve plate for a sliding gate valve at the outlet of a vessel containing a metal melt."

The 4th June, 1992

400/Cal/92 Siemens Aktiengesellschaft. "Multi-Position rotary switch operating with extinguishing gas."

401/Cal/92 Kumiai Chemical Industry Co. Ltd. Ihara Chemical Industry Co. Ltd. "Pyridine Derivative, method for preparing the same, herbicidal composition containing the same, and method for killing weeds".

402/Cal/92 Kumiai Chemical Industry Co. Ltd. Ihara Chemical Industry Co. Ltd. "Pyridine Derivative, method for preparing the same, herbicidal composition containing the same, and method for killing weeds".

ALTERATION OF DATE UNDER SECTION 16

171076 Ante-dated to December 20, 1989.
(91/Bom/91)

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

स्वीकृत सम्पूर्ण विविधता

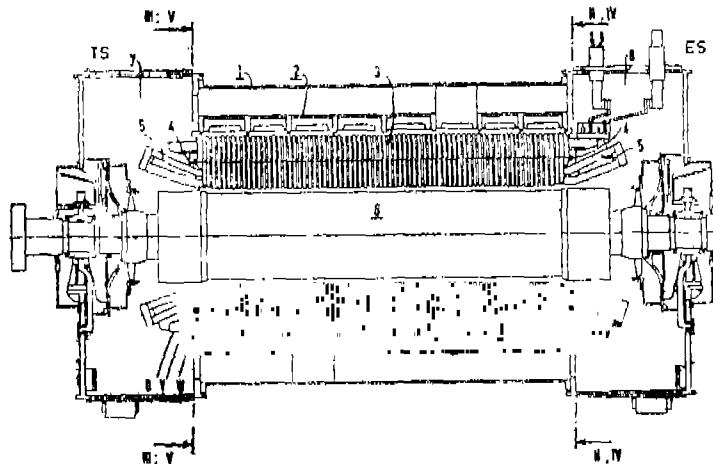
एतद्वारा यह सूचना दी जाती है कि सम्बद्ध वावेदनों में से किसी पर पेटेट अनुदान का विरोध करने के इच्छुक जोर्ड व्यक्ति, इसके नियम की तिथि से 4 महीने या अधिक एवं उसी वर्षीय 4 महीने की वर्षीय की समाप्ति के पूर्व पेटेट नियम, 1972 के तहत विहित प्रपत्र 14 पर जावेदात एक महीने की वर्षीय से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्वरूप एवं विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्ताम्, उक्त सूचना के साथ अथवा पेटेट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विविधता के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

नीचे सूचीगत विविधताओं की सीमित संख्यक मुद्रित प्रतिवर्ष, भारत सरकार द्वारा दिये, 8, किरण शंकर राय रोड, कलकत्ता में विकल्प होते यथा समय उपलब्ध होगी प्रत्येक विविधता का मूल्य 2/- रु. है।

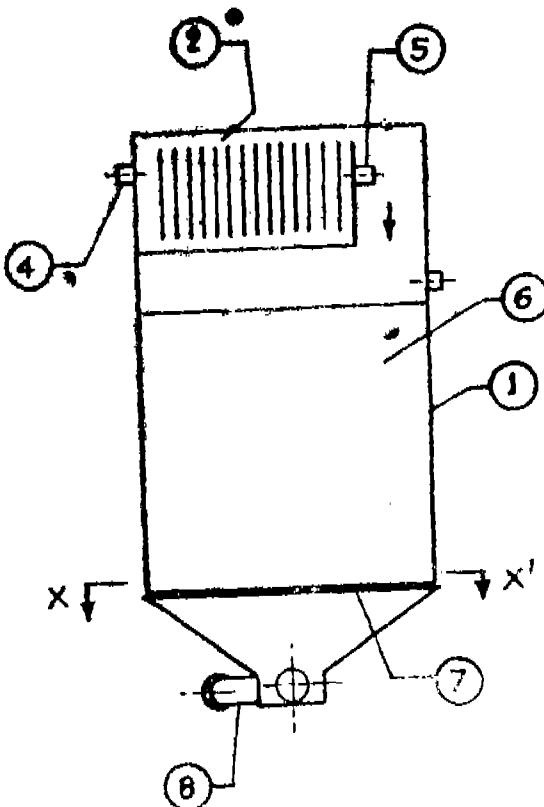
(अंतिम रक्त वाक वर्ष) : मुद्रित विविधता की अपर्याप्त इस संग पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विविधताओं को संक्षय रखनी चाहिए।

bolt extending axially and electrically insulated from the laminated core the auxiliary winding being formed by inclusion of atleast one clamping bolt and interconnecting leads connecting said clamping bolts to obtain suitable connecting leads depending on the desired phase winding.



Compl. Specn. 11 Pages.

Draw. 3 Sheets.



Compl. Specn. 15 Pages.

Draw. 2 Sheets.

Ind. Cl. : 201D

171060

Int. Cl. : C02F 1/42, 1/46, 1/48, 1/52.

METHOD AND APPARATUS FOR PRETREATING TURBIDE WATER FROM NATURAL SOURCES.

Applicant and Inventor : SUDIP KAR OF UTTARAYAN, P.O. MADHYAMGRAM, 24-Parganas, West Bengal, India.

Application No. 895/Cal/88 filed on 27th October 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

15 Claims

A method of pretreating turbid water available from natural sources, comprising subjecting the turbid water to electrocoagulation by passing the same through electrically charged aluminium plates, which are caused to be charged and discharged at desired time constants, such as herein described, for coagulation of the colloidal particles present in the water, and allowing the coagulated water to flow through a solid-media flocculator for forming flocks of substantial volume and weight, and separating the flocks from the water, so treated, whereby the water, so pretreated, is properly conditioned as to be suitable for treatment/clarification in sedimentation tanks/filter beds.

Ind. Cl. : 47C.

171061

Int. Cl. : C 1 J 3 00.

THERMALLY INSULATED QUENCH RING FOR A GASIFIER.

Applicant : TEXACO DEVELOPMENT CORPORATION, 2000 WESTCHESTER AVENUE, WHITE PLAINS, NEW YORK 10650, UNITED STATES OF AMERICA.

Inventors : (1) MICHAEL WILLIAM BECKER, (2) ALLEN MAURICE ROBN, (3) JOHN SAUNDERS STEVENSON.

Application No. 182/Cal/89 filed on 2nd March, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

9 Claims.

A reactor for gasifying a carbonaceous fuel mixture to produce a hot effluent comprising a residual slag and useful synthesis gas, said reactor including :

a shell,

a reaction chamber formed in said shell in which the carbonaceous fuel mixture is gasified, and a refractory floor,

a quench chamber in said shell holding a water bath in which said effluent is cooled,

a constricted that in said refractory floor communicating the reaction chamber with said quench chamber,

a downwardly extending dip tube positioned in said shell which defines an effluent guide passage to conduct hot effluent into the water bath,

characterized in a quench ring depending from said refractory floor, spaced outwardly of the dip tube being communicated with a pressurized source of water and having discharge port means opening adjacent to said dip tube to wet said effluent guide passage,

a support element depending from said quench ring and extending into the effluent guide passage.

and a refractory belt removably positioned on said support element, defining a thermal barrier interposed between substantially all of the quench ring surfaces facing hot effluent flow through said effluent guide passage.

Applicant : GALATRON S.R. I., OF CASTIGLIONE D/STIVIERE (MANTOVA) ITALY.

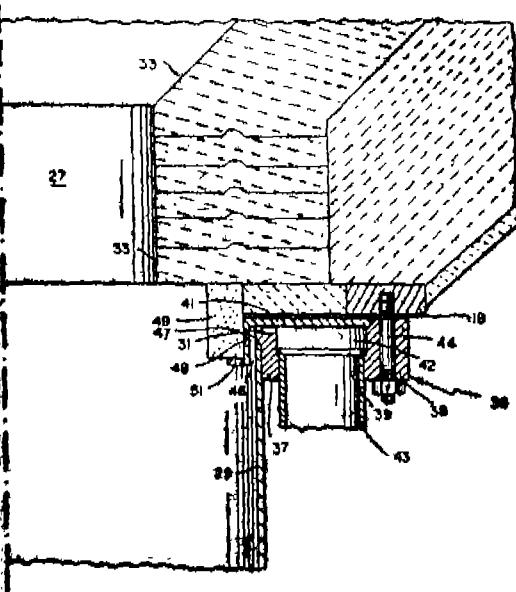
Inventors : ALESSIO ORLANDI.

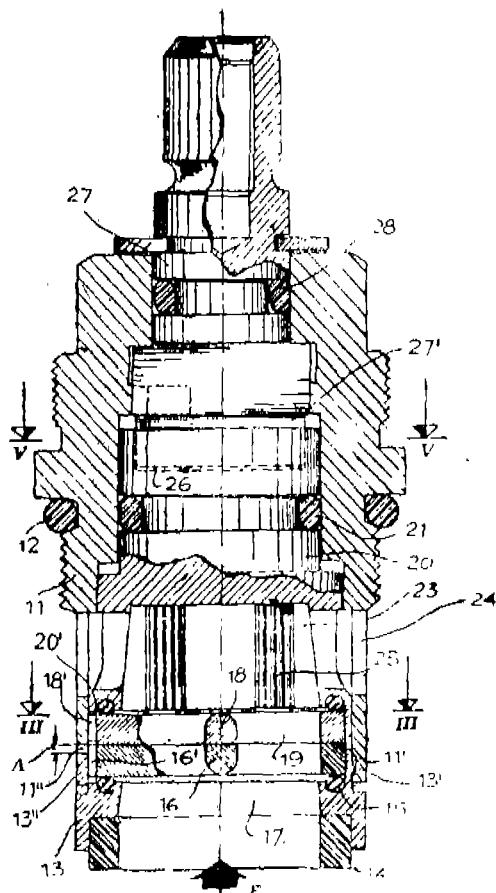
Application No. 242/Cal/89 filed on 29 March, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

8 Claims

A 'breech-block' valve for the delivery of cold or hot water of the type having a hollow cylindrical body which is designed to be screwed into a tap body in line with a pipe supplying the water which is to be delivered, comprising an annular seal (14), a first ceramic plate (16) fixed in the body and having at least one hole (17) for passage of the water, a second ceramic plate (18) resting and rotating on the first and having at least one hole (19) which can be positioned in line with and at a distance from the hole in the first plate following a quarter turn or a half turn of the second plate, a follower (20) which is rotably mounted within the valve body and is keyed to the second plate (18) to control its rotation and an operating rod (27) keyed to the follower (22) and provided with a hand-held handle to control the second plate through the follower, the cylindrical body and the follower also having radial passages for passage of the water towards the tap outlet, characterised in that in the base of the said cylindrical body (11) there is mounted a ring (13) which can move axially with respect to the body itself and bears in its lower part the said ring seal (14) and in its upper part a first elastic O-ring seal (15) which rests against the lower face of the said fixed plate (16) this ring being capable of axial movement (A) without rotation with respect to the said body to take up and compensate for defects or machining play independently of the compaction of the superimposed ceramic plates.





Compl. Specn. 8 pages.

Drgs. 2 sheets.

Ind. Cl. : 128 A

171063

Int. Cl. : A 61 F 13/16

"A SANITARY NAPKIN"

Applicant : MCNEIL-PPC, INC., OF VAN LIEW AVENUE, MILITOWN, NEW JERSEY 08850, NJ 08933, UNITED STATES OF AMERICA.

Inventors : WASSIM SEIDY

Application No. 279/Cal/89 filed on 11th April, 1989.

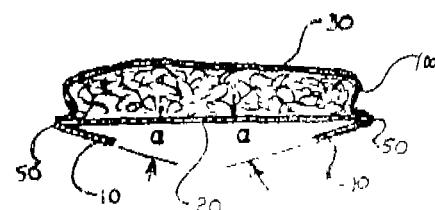
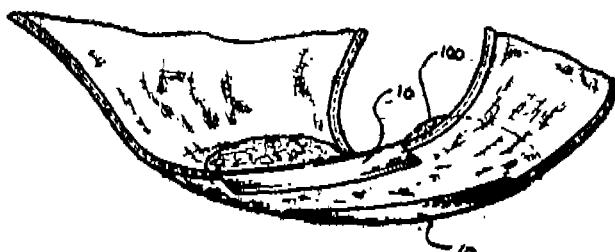
Appropriate Office for opposition proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

13 Claims

A sanitary napkin comprising :

(a) an absorbent element having longitudinally extending sides, transverse ends, a body facing side and an undergarment facing side and

(b) flaps extending laterally from each of said longitudinal sides of said absorbent element, at least one of said flaps comprising hinge means for disposing said flap in acute angular relation with said undergarment facing side of said absorbent element.



Compl. Specn. 13 pages.

Drgs. 1 sheet.

Ind. Cl. : 20 B

171064

Int. Cl. : B 42 D 9/00

"BOOK CLIP"

Applicant : UNIVERSAL NETWORK, INC., OF 200 RIVER POINTE, SUITE 300, CONROE, TEXAS 77304, UNITED STATES OF AMERICA.

Inventors : JOSE LUIS GOMEZ RIVERA

Application No. 302/Cal/89 filed on 19 April, 1989.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

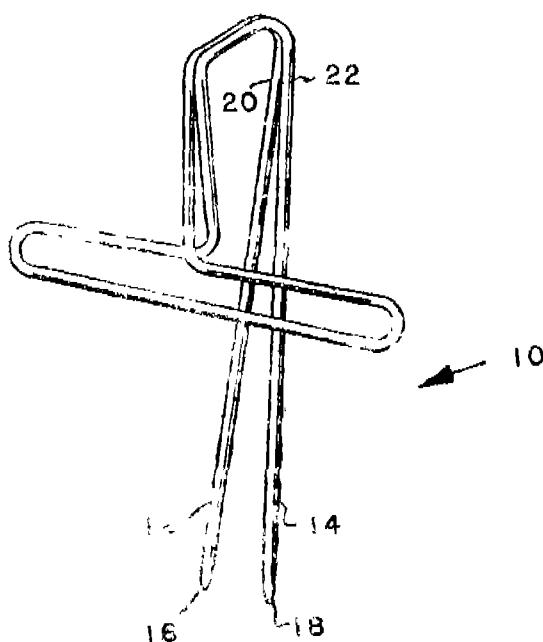
10 Claims

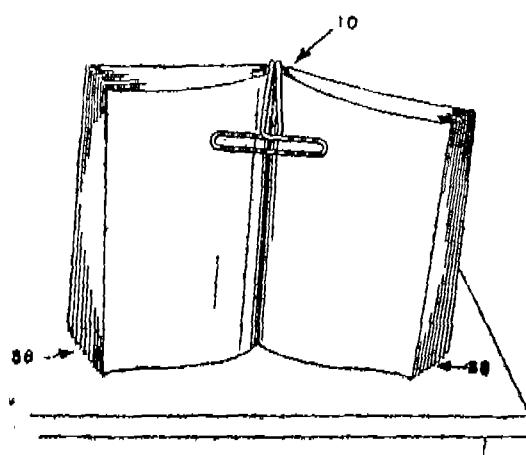
A book clip for insertion into an open book for maintaining the book open and holding the book so that it stands vertically without external support, the book clip being formed from a single piece of tubular material, comprising

first and second elongate legs separated at their lower ends for respective insertion at the top of the book across the open center of the book and behind at least the left and right facing pages, and

an elongate piece transverse to said first and second legs, the left and right ends thereof pressing against the left and right facing pages,

whereby the book is pinched at its top and the bottom of the book is allowed to flare to provide a steady base support for the book in its standing position.





Compl. Specn. 13 pages.

Drgs. 1 sheet.

Ind. Cl. : 32 F 1

171065

Int. Cl. : C01C 85/11 C07C 87/48

"PROCESS FOR THE PREPARATION OF 4-CHLORO-2, 5-DIMETHOXYANILINE"

Applicant : HOECHST AKTIENGESELLSCHAFT, D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1) KLAUS WARNING, 2) KURT HABIG.

Application No. 351/Cal/89 filed on 9th May, 1989.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

8 Claims

A process for the preparation of 4-chloro-2, 5-dimethoxyaniline by catalytic reduction of 4-chloro-2, 5-dimethoxynitrobenzene with hydrogen in the liquid phase at an elevated pressure carrying out the reduction at temperatures from about 80 to about 110°C and under a pressure of about 5 to about 50 atmospheres gauge in an aromatic solvent in the presence of a modified platinum-on-carbon catalyst in the presence of about 0.01 to about 0.2 mole of a compound such as herein described which gives a pH of 8 to 10 in aqueous solution, characterised by carrying out the reduction in the presence of about 0.1 to about 1.0 by weight of an aliphatic, open-chain, primary, secondary or tertiary amine or a cyclic amine such as herein described, in each relative to the 4-chloro-2, 5-dimethoxynitrobenzene employed.

Compl. Specn. 11 pages.

Drgs. Nil.

Ind. Cl. : 22

171066

Int. Cl. : B 65 D 1/00

"A BASE STRUCTURE FOR A CARBONATED BEVERAGE CONTAINER"

Applicants : HOOVER UNIVERSAL, INC., OF 825 VICTORS WAY, ANN ARBOR, MICHIGAN 48104, UNITED STATES OF AMERICA.

Inventors : 1) DALE HERBERT BEHM 2) GEORGE ALLEN PLUMMER

Application No. 406/Cal/89 filed on 26th May, 1989.

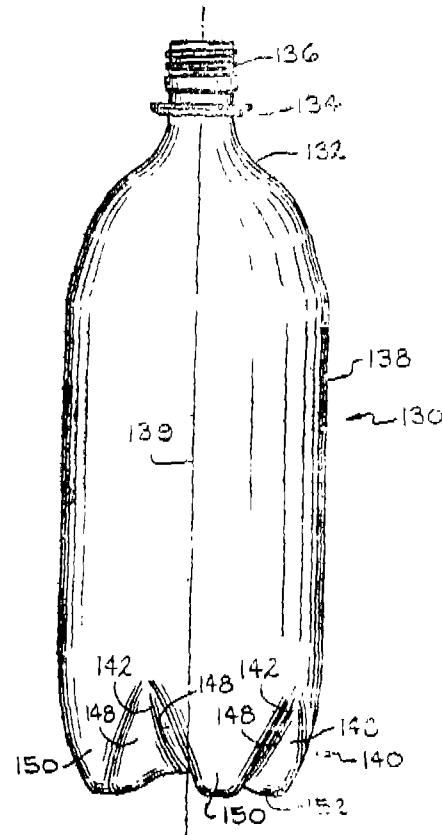
Appropriate Office for opposition proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

11 Claims

A base structure for a carbonated beverage container having a tubular side wall, said base structure comprising :

a bottom wall extending downwardly and radially inward from said side wall; and

a plurality of legs extending downwardly from said bottom wall and terminating in large planar feet having inner and outer radial edges, said feet forming a non-continuous support surface engaging and having an outer diameter only slightly less than that of said tubular side wall.



Compl. Specn. 18 pages.

Drgs. 7 sheets.

Ind. Cl. : 69D, A [LIX (1)]

171067

Int. Cl. : H 01 H-83/00

NEUTRAL FAILURE PROTECTION RELAY IN ELECTRICAL DISTRIBUTION SYSTEM.

Applicants : MARATHE RESEARCH FOUNDATION MANE BUILDING, SHRI GOVINDRAOJI MARATHE MARG, MIRAJ-416 410, MAHARASHTRA, INDIA.

Inventors : (1) BALKRISHNA SADASHIV BAPAT (2) ABHIJIT ANANT MARATHE.

Application No. 36/Bom/1989 filed Feb 8, 1989.

Complete specification left on 4th May, 1990.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules 1972) Patent Office, Bombay Branch.

4 Claims

A Neutral Failure Protection Relay in electrical Distribution system comprising of :

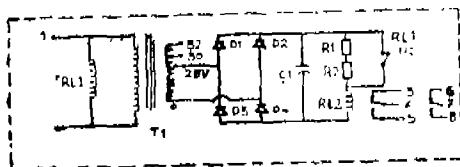
a transformer, primary of which is connected between earth and neutral of the electrical distribution system and secondary of the transformer is connected to the input of the rectifier bridge and the output of the said rectifier bridge in

connected to a D.C. relay through resistances with provision for short circuiting the said resistances by a NC contact of

a transformer, primary of which is connected between earth and neutral of the electrical distribution system and secondary of the transformer is connected to the input of the rectifier bridge and the output of the said resistances with provision for short circuiting the said rectifier bridge in connected to a D.C. relay through resistances by a NC contact of A.V. relay provided across the primary of the said transformer;

an alarm circuit includes a step-down transformer secondary of which is provided with indicator to indicate supply 'ON' and a trip indicator to indicate "trip" condition through first set of changeover contacts of the said D.C. relay;

and a switching unit getting supply through the second set of changeover contacts of the said D.C. relay.



Complete Specn. 7 pages. Drg. 1 sheet

Ind. Cl. : 116 B [XLIX]

171068

Int. Cl. : E02F, 3/02; 3/76.

SOIL COLLECTING AND HANDLING DEVICE.

Applicant & Inventor : ZAKIR HUSSAIN BOHRA, C/o. BOHRA BROTHERS, IS SHALA VIKAS MARKET SHAH-DOL-484001, MADHYA PRADESH, INDIA.

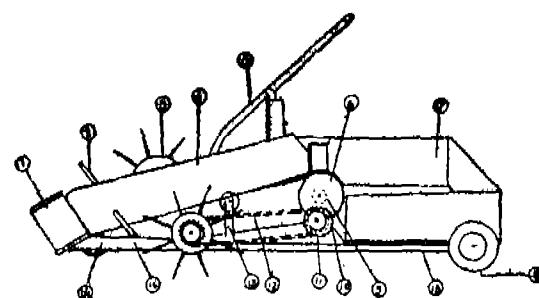
Application No. 138/Bom/1989 filed on May 29, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Branch Bombay-13.

4 Claims

A soil collecting and handling device comprising of a travelling endless belt conveyor system attached to soil collecting trolley; said endless belt conveyor is mounted on a belt-crank lever type chassis and supported on two rollers, one on horizontal member smaller diameter and other on vertical member bigger in diameter respectively; said roller on vertical member is driven by toothed wheel or conveyor belt system mounted on the horizontal member of said chassis through chain drive in such a way that the direction of rotation of the conveyor belt is opposite to the direction of the rotation of toothed wheel; said trolley is detachably attached to the said conveyor belt system at the axis of the toothed wheel through trolley horizontal chassis members; a blade plate is provided to the front portion of the conveyor belt system for thrusting into the earth and also at front portion two brackets on either side of the said belt crank lever type chassis attached for pulling manually or mechanically; a lever member hinged to chassis member of the said trolley is engaged to flange portion of the said belt crank lever type chassis member thrusting the blade into the earth by lever operation.

2—147 GI/92



Comp. Specn. 7 pages. Drg. 1 sheet.

Prov. Specn. 4 pages. Drg. 1 sheet.

Ind. Cl. 80 H[VI]; 37 A [XXXIV]

171069

Int. Cl. B 01 D- 17/028; 17/06.

AN APPARATUS FOR SEPARATING INTO CONSTITUENTS, A MIXTURE OF TWO OR MORE LIQUIDS INSOLUBLE IN EACH OTHER.

Applicant & Inventor : SALHAM ESSOP 97 SIR KURMA REDDI ROAD, CLAIRWOOD, DURBAN NATAL PROVINCE, REPUBLIC OF SOUTH AFRICA.

Application No. 109/Bom/1989 filed on April 24, 1989.

Complete specification left after provisional on 31-1-1990

Appropriate office for Opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Branch Bombay-13.

9 Claims

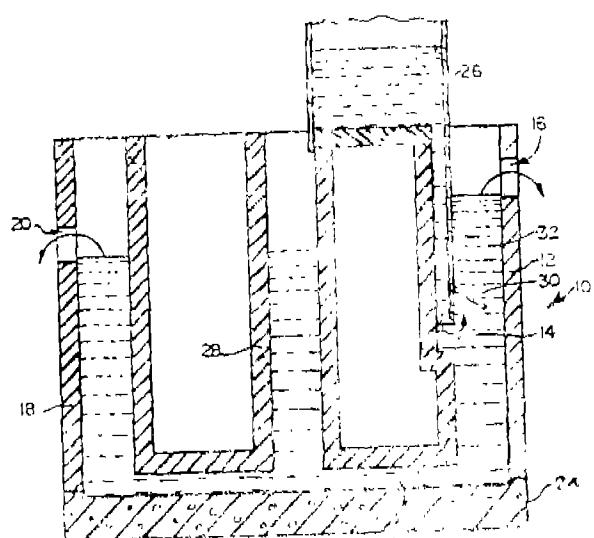
An apparatus for separating into constituents, a mixture of two or more liquids insoluble in each other and having relatively different densities, includes :

a separating tank having a liquid mixture inlet and a first outlet at the upper most level for the mixture constituent of a relatively low density;

a discharge tank having a second outlet at a level higher than the said mixture inlet but lower than the said first outlet for the mixture constituent of a relatively higher density;

a passage providing communication between the said separating tank and the said discharge tank at the base; and

a holding tank for holding the mixture, the outlet in communication with the said mixture inlet, and located at a level higher than the level of the said first outlet.



Complete Specn. 13 pages. Drg. 1 sheet

Ind. Cl. : 89 Gr. 89 Ge. [XLI (6)]

171070

105 B Gr. [XLI (7)]

Int. Cl. : G 01 N - 3/40, 3/52.

AN IMPROVED DYNAMIC HARDNESS TESTING MACHINE.

Applicants : BALANCING INSTRUMENTS & EQUIPMENTS (MIRAJ) PVT. LTD. C-45/1 M.I.D.C. MIRAJ - 416 410, MAHARASHTRA STATE, INDIA.

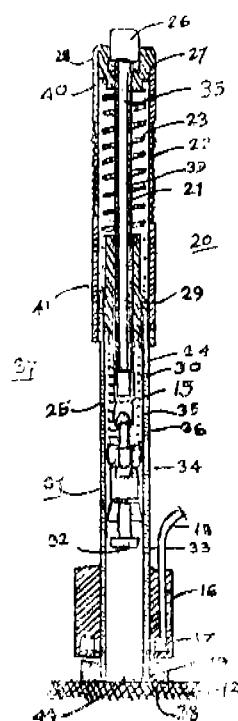
Inventor : SHASHANK DINKAR KULKARNI.

Application No. : 283/Bom/1989 filed on 20-10-1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

1 Claim

An improved dynamic hardness testing machine comprising a guide tube, a coil holder having a coil attached to the said guide tube near the bottom end, a supporting ring having an embedded annular cushion ring, provided around the said guide tube, below the said coil holder, a loading device provided over and around the said guide tube, the said loading device consisting of a loading tube, having knurled outer surface, a chuck tube provided inside the said loading tube, a guide bush having a collar provided around the said chuck tube at the lower end and a hub provided at the upper end, a rod extending through the said chuck tube and having a release button at the upper end, and a chuck expander, having a conical tip, at the lower end; a catch chuck with a construction in the middle and an inner collar at the lower end being provided at the lower end of the said chuck tube, an impact body having a conical portion with a neck portion at the upper end and a ball embedded at the lower end, releasably provided in the said inner collar of the said catch chuck, a permanent magnet embedded in the middle portion of the said impact body; a loading spring provided around the said chuck tube between the upper end of the said guide bush and the lower end of the said hub; an impact spring provided between the lower end of the said guide bush and the upper portion of the impact body, a release spring provided around the said rod, below the release button and above the said chuck tube; the said coil being connected to a cable for conveying the voltage signals to known microprocessor based measuring instrument for processing the said signals to indicate the hardness of a specimen in the known manner.



Complete Specn. 7 pages;

Drg. 3 sheets

Ind. Cl. : 189 [XVI (9)]

171071

Int. Cl. : A 61 K - 7/06

COMPOSITIONS SUITABLE FOR TOPICAL APPLICATION TO MAMMALIAN SKIN AND HAIR.

Applicant : HINDUSTAN LEVER LTD.
HINDUSTAN LEVER HOUSE
165/166 BACKBAY RECLAMATION
BOMBAY - 400 020, MAHARASHTRA
INDIA, A COMPANY INCORPORATED
UNDER THE INDIAN COMPANIES ACT,
1913.

Inventor : PETER REX BROWN.

Application No. : 210/Bom/1990 filed on 16-8-1990.
UK priority date 16-8-1989.

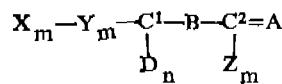
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

10 Claims

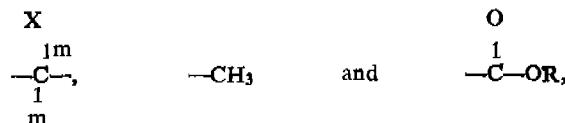
A composition suitable for topical application to mammalian skin and hair for inducing, maintaining or increasing hair growth, which comprises :

(i) an effective amount of from 0.001 to 99% by weight of a cyclic hair growth promoter molecule, or a metallic salt thereof comprising a molecular fragment based on the structure (1) :

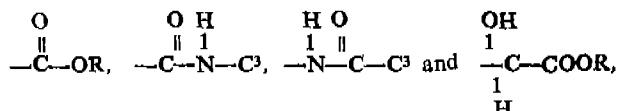
Process



where ETAOI

where A is chosen from O and S;
B is chosen from NH, O and S;
C¹ and C² are carbon atoms;
D is chosen from -O-, -S-, -NR-,

Process

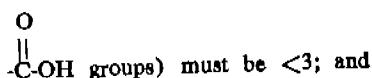
X and Y are the same or different and are chosen from -H, -OH, -NH₂,Z is chosen from C₁ to C₂₂ alkyl, -OR, and -NHR;
R is chosen from -H, and C₁ to C₂₂ alkyl
C₂ to C₁₈ acyl;n is an integer of from 1 to 10;
m is 0 or 1, the value (S) of each m being the same or different;

the structure (1) forming a ring by linkage between

(i) any one of the D groups and B (when B is NH),
or

(ii) any one of the D groups and C¹, or
 (iii) any one of the D groups and C²;
 with the provisos that :

(a) when A is O and B is O, and n is 2 or 3, and either X or Y is -OH, then the total number of -OH groups in the hair growth promoter molecule (excluding those present in



(b) when n is < 1, then any D group can be the same or different from the remaining D group or groups; and

(c) when the structure (1) comprises a five membered ring in which B is NH, A is O and D is -CH₂, n is 2, and the ring is formed by linkage of one of the D groups to C¹, then neither X_m nor Y_m as linked to C¹ is COOR, except when R is H;

(ii) from 1 to 99.999% by weight of a cosmetically acceptable vehicle for the hair growth promoter, and

(iii) an activity enhancer as herein defined.

Complete Specn. 71 pages.

Drg. Nil

Ind. Cl. 55 E 2 + E 4 - XIX (1)

171072

Int. Cl. C 07 D - 499/14, 499/16, 499/22.

A PROCESS FOR IMPROVEMENT IN ISOLATION OF PENICILLIN G SALTS FROM THE ORGANIC SOLVENT EXTRACT.

Applicants : HINDUSTAN ANTIBIOTICS LTD.
 PIMPRI, PUNE-411 018
 MAHARASHTRA, INDIA
 AN INDIAN COMPANY OWNED BY THE
 INDIAN GOVERNMENT.

Inventors : DR. NITHAR RANJAN CHATTERJEE
 (2) VITHAL MANOHAR BADAWE
 (3) DR. SURESH RAMNATH NAIK

Application No. 229/Bom/1990 filed on 30-8-1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

4 Claims

A process for improvement in isolation of penicillin G either as its amino or alkali metal salt directly from the cooled, dehydrated organic solvent phase as mentioned hereinbefore by a known method of neutralisation; characterized by attaining optimum dehydration of the above organic solvent media as herein described.

Compl. Specn. 10 pages.

Drg. Nil

Ind. Cl. : 56 G

171073

Int. Cl. : B01D, 3/24.

IMPROVEMENT IN OR RELATING TO VALVE TRAYS IN DISTILLATION COLUMN.

Applicants : PRAJ COUNSELTECH PVT LTD.
 1216/6, FERGUSSON COLLEGE
 ROAD, PUNE-411 004.
 MAHARASHTRA, INDIA.

Inventors : (1) SHASHANK INAMDAR
 (2) VIKAS KAKADE &
 (3) ANANT PATIL.

Application No. 275/BOM/1990 filed on Oct. 19, 1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

1 Claim

Improvement in or relating to valve trays in distillation column comprising two weir plates, one weir plate on inlet side and the second weir plate on the outlet side characterised in that the height of the weir plate on inlet side is 5 to 25% more than weir plate on outlet side; there are provided two or more projections from inside for resting the same on the deck of the tray, arrangement being such that due to difference in height of weir plates there is created a positive gradient in the direction of the liquid flow over the tray to accomplish thorough and uniform coverage of the tray area and due to two or more projections from inside the valve plate enables the valve to close the deck hole uniformly.

Complete Specn. 6 pages.

Drg. 3 sheets.

Ind. Cl. : 189 [LXVI (9)]

171074

Int. Cl. : A 61 k - 7/18.

METHOD FOR PREPARING IN ORAL COMPOSITION.

Applicants : HINDUSTAN LEVER LTD.
 165/166, BACKBAY RECLAMATION
 BOMBAY-400 020. MAHARASHTRA,
 INDIA.

Inventor : BRYONY EMMA COULSON.

Application No. : 311/Bom/1990 Filed on Nov 29, 1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

6 Claims

A method for preparing an oral composition for combating dental caries, comprising mixing a suitable amount of fluorine-containing anti-caries agent and from 1-50% by weight a particulate hydroxyapatite abrasive material characterised in that the pH of the oral composition is adjusted to between 7.0-11.0.

Complete Specn. 10 pages.

Drg. Nil

Ind. Cl. : 55 E 4 [XIX (1)]

171075

Int. Cl. : A61K-35/78.

A PROCESS FOR THE MANUFACTURE OF A MEDICAL CIGARETTE.

Applicants & Inventor : LAXMAN SHANKARRAO NIKAM, OF 161, ABUBAKAR CHAWL, NEAR CHURCH

DHARAVI, BOMBAY-400 017, MAHARASHTRA, INDIA,
INDIAN NATIONAL.

Application No. 23/BOM/1991, filed on 21-1-1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

2 Claims

A process for the manufacture of a medicinal cigarette for the treatment of the diseases hereinbefore described which consists of the following steps :—

- (a) Roasting the Carum Copticum and Aniseed on a low fire till they are light brown.
- (b) Grinding the products of step (a) separately to form a coarse powder.
- (c) Mixing the products of step (b) in a third container.
- (d) Filling the product of Step (c) in an empty filter cigarette.

Comp. Specn. 4 pages.

Drawing Nil.

Ind. Cl : 32F2 (b) (IX(i))

55E4 (XIX (1))

Int. Cl. : 461 K—31/155

171076

A PROCESS FOR THE PREPARATION OF PHENYL GUANIDINES FOR THE TREATMENT OF HYPERGLYCEMIA.

Applicants : BOOTS PHARMACEUTICALS LTD., 17, RAMJIBHAI KAMANI MARG, BALLARD ESTATE, BOMBAY-600 038, MAHARASHTRA, INDIA.

Inventors : DR BALASUBRAMANIAN GOPALAN

Application No. : 91/BOM/91 Divisional to 1/BOM/89 dated Dec. 20, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay.

2 Claims.

A process for a preparation of phenyl guanidines of the formula I shown in the accompanying drawings and their pharmaceutically acceptable salts;

In which NR5R6 are N-methylamino, N, N-dimethylamino, N-ethylamino, N-ethyl-N-methylamino, N-butyramino, N-methyl-N-methylthioethylamino, N-methoxyethyl N-methylamino, N-allyl-N-methylamino, N-ethyl-N-methoxyethylamino, N, N-diallyl, N'-methylpiprazinyl, dimethylmorpholino, methyl-piperidino morpholino, thiamorpholino and R₇ is H, fluoro, chloro, methyl or methoxy;

said process comprising the reaction of an ethanolic solution of an amine of the formula II shown in the accompanying drawings with a compound of the formula III shown in the accompanying drawings, said reaction occurring at the boiling point of the reaction mixture for sufficient time to complete the reaction.

Complete Specn. - 15 pages,

Drg. 1 Sheet.

PATENT SEALED

ON 11-06-1992

160755 163825 164171 165052* 168180 168201* 168390
168653 168654 168656 168782 168853* 168884 168889
168893 168906* 168908 168932 168935 168941* 168942*
168946* 168948* 168975* 169544.

Cal-17, Del-04, Mas-03 & Bom-01

*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendments proposed by BASF LACKE + FARBEN AKTIENGESELLSCHAFT of Am Neumart 30, 2000 Hamburg 70, Federal Republic of Germany in respect of Patent application No. 506/Del/83 (159989) as advertised in part III, Section 2 of the Gazette of India dated 18-3-89 and no opposition having been filed within the stipulated period, the said amendment have been allowed.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendments proposed by PPG Industries Inc., a corporation of one PPG Place, Pittsburgh 22, State of Pennsylvania, United States of America, in respect of Patent Application No. 506/Del/1986 (166684) as advertised in Part III, Section 2 of Gazette of India on 8-09-90 and no opposition being filed within the stipulated period the said amendment have been allowed.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendments proposed by "MINNESOTA MINING AND MANUFACTURING COMPANY" in respect of Patent Application No. 169793 (406/Mas/87) as advertised in Part III, Section 2 of the Gazette of India on 1-2-1992 and no Opposition being filed within the stipulated period, the said amendments have been allowed.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendments proposed by "IMPERIAL SMELTING PROCESSES LIMITED" in respect of Patent Application No. 169968 (482/Mas/87) as advertised in Part III, Section 2 of the Gazette of India on 1-2-1992 and no opposition being filed within the stipulated period, the said amendments have been allowed.

AMENDMENT PROCEEDING UNDER SECTION 57

Notice is hereby given that MAXWELL EDMUND WHISSON OF 15 LOFTUS STREET, NEDLANDS, IN THE STATE OF WESTERN AUSTRALIA, COMMONWEALTH OF AUSTRALIA, AN AUSTRALIAN have made an application under section 57 of the specification of their application for Patent No. 250/Mas/88 (170557) for A PARENTERAL DEVICE. The amendments are by way of correction. The application for amendments and the proceed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600 002 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form 30 within 3 months from the date of the Notification at the Patent Office, Madras-2. If the Written Statement of opposition is not filed with the Notice of opposition, it shall be left within one month from the date of filling the said notice.

AMENDMENT PROCEEDING UNDER SECTION 57

Notice is hereby given that ALCAN INTERNATIONAL LIMITED, a Canadian Company, of 1188 Sherbrooke Street West Montreal, Quebec, Canada, H3 A 3GZ have made an application under Section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 186/Mas/88 (170891) for "AN IMPROVED PROCESS FOR PREPARING A PAINT OR VARNISH COMPOSITION FOR COATING ON A METAL SUBSTRATE."

The amendments are by way of correction. The application for amendments and the proceed amendments can be inspected free of charge at the Patent Office

Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 within 3 months from the date of the Notification at the Patent Office, Madras-2. If the Written Statement of Opposition is not filed with the Notice of Opposition, it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

149349	150301	151438	152630	152652	152978	153887
154116	154437	154521	154624	154810	154895	154897
155473	156296	156316	156859	157638	157716	157721
157774	157983	157986	158004	158109	158792	158956
159035	158051	159054	159551	160369	160715	160813
161128	161729	161869	162110	162142	162381	162651
162748	163065	163572	164539	164594	164788	164944
164985	165006	165246	165285	165317	165748	165795
165821	166037	166067	166196	166329	166375	166546
167559	167647	167653	167923	168210	168213	168225
168332	168552	168805	168711	168821	169478.	

CESSATION OF PATENTS

148538	148555	148563	148583	148590	148604	148625
148637	148652	148653	148677	148684	148688	148693
148700	148701	148702	148705	148729	148740	148759
148761	148774	148806	148815	148820	148823	148829
148836	148868	148871	148872	148881	148904	148905
148921	148942	148946	148951	148978	148985	148988
148993	149005	149019	149025	149033	149048	149049
149055	149057	149072	149077	149128	149137	149139.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. No. 164198. Oriental Metal Industries, 4932- Phoota Road, Bara Tooti, Sadar Bazar, Delhi-110 006, India, Indian Partnership Firm. "Toy". March 30, 1992.

Class 3. No. 163773. V. V. Dhanushkodi Nadar & Sons, 90/91, South Raja Street, Tuticorin-628 001, T. N. India, Indian Partnership Firm. "Container". November 11, 1991.

Class 3. No. 163791. Excel Auto Industries of 117/118, Shiv Krupa Industrial Estate, L. B. S. Marg, Vikhroli (West), Bombay-400 083, Maharashtra, India, Indian Partnership Firm. "Radiator Fan". November 15, 1991.

Class 3. No. 163857. Mrs. Rukhsana Gulam Amin of 5, Jer Mansion, off. Turner Road, Bandra (West), Bombay-400 050, Maharashtra, India, Indian. "Tray". November 26, 1991.

Class 3. No. 163885. Plastiques Pvt. Ltd. of Seksaria Industrial Estate, Chincholi Bunder Road, Off. S. V. Road, Malad, Bombay-400 064, Maharashtra, India, Indian Company. "Comb". December 4, 1991.

Class 3. No. 163971. Special Products and Service of Arjun Flat No. 5, Plot No. 144, Sher-e-Punjab Soc., Mahakali Caves Road, Andheri (East), Bombay-400 093, Maharashtra, India, Indian Proprietary Concern. "Folding Shelf". January 1, 1992.

Class 4. Nos. 163855 & 163856. Mrs. Rukhsana Gulam Amin of 5, Jar Mansion, Off. Turner Road, Bandra (West), Bombay-400 050, Maharashtra, India, Indian. "Stand (Rack)". November 26, 1991.

Copyright extended for the 2nd period of five years.

No. 158798 Class 1.

Nos. 163197, 164018, 157327, 157328 & 158128 Class 3.

No. 158396 Class 4.

Copyright extended for the 3rd period of five years.

Nos. 158791, 152031 & 150927 Class 1.

Nos. 163197, 164018 & 151597 Class 3.

No. 158396 Class 4.

R. A. ACHARYA,
Controller General of Patents, Designs
and Trade Marks

